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Using Threats in Specifications

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10 March 1999



Papers

- **Abrams and Ramsey. *Risks, Threats, and Countermeasures for an FAA System.***
 - **Coyne. *Issues with Including Threats in a Protection Profile.***
 - **Gotfried. *Using the CC at the Beginning of Acquisition Programs.***
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Papers

- **Brigman. *Generic IPSec/VPN Protection Profile.***
- **Marks. *Telecommunications Switch Protection Profile.***





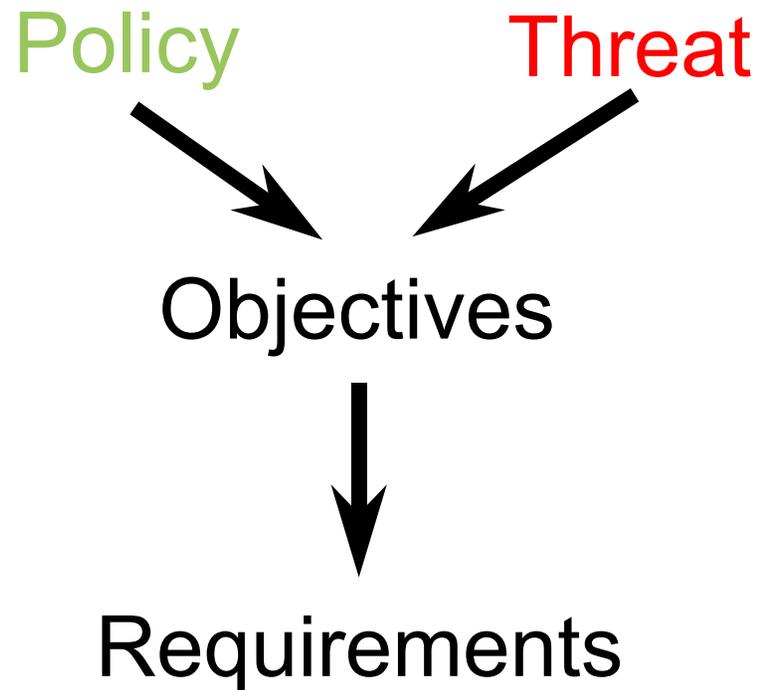
Purpose

- **Discuss how threats are used in a security specification.**
 - **Determine what information should be provided about a threat.**
 - **Provide a standard format for the Threat section of a Protection Profile.**
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What We Can Accomplish

- **Start toward a methodology for identifying security requirements.**





What We Can Accomplish

- **Specify information contained in a threat statement**
 - **Causes/Source**
 - **Attack methods**
 - **Numeric value**





Issues

- **Are generic threats sufficiently detailed to be linked to countermeasures?**
 - **How are threat statements refined for subsystems as a system is developed?**
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Issues

- **How are threats stated when the environment is variable, or the system must be able to operate in several environments?**
 - **Are threats useful in a Security Target?**
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